

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:


1. (Original) A polarizing member comprising a cholesteric liquid-crystal layer, a quarter-wave plate, and an optical rotatory layer.
2. (Original) A polarizing member according to claim 1, wherein said quarter-wave plate is disposed between said cholesteric liquid-crystal layer and said optical rotatory layer.
3. (Original) A polarizing member according to claim 2, further comprising an absorption type polarizer disposed on an upper side of said optical rotatory layer, wherein a major or minor axis of said optical rotatory layer in each of opposite surfaces of said optical rotatory layer is parallel to a plane of polarization of light linearly polarized by a combination of said cholesteric liquid-crystal layer and said quarter-wave plate and to an axis of polarization of said absorption type polarizer.
4. (Original) A polarizing member according to any one of claims 1 through 3, wherein said optical rotatory layer is made of a polymer containing a nematic liquid-crystal monomer and an optically active monomer as components.

5. (Original) A polarizing member according to any one of claims 1 through 3, wherein said optical rotatory layer exhibits an angle of rotation satisfying an expression:

$$(2n + 1)\pi/4$$

in which n is an integer.

6. (Original) A polarizing member according to claim 4, wherein said optical rotatory layer exhibits an angle of rotation satisfying an expression:


$$(2n + 1)\pi/4$$

in which n is an integer.

7. (Original) A liquid-crystal display device comprising a polarizing member as defined in any one of claims 1 through 3, and a liquid-crystal cell, said polarizing member being disposed on a back side (opposite to a visual side) of said liquid-crystal cell.

8. (Original) A liquid-crystal display device comprising a polarizing member as defined in claim 4, and a liquid-crystal cell, said polarizing member being disposed on a back side (opposite to a visual side) of said liquid-crystal cell.

9. (Original) A liquid-crystal display device comprising a polarizing member as defined in claim 5, and a liquid-crystal cell, said polarizing member being disposed on a back side (opposite to a visual side) of said liquid-crystal cell.

10. (Original) A liquid-crystal display device comprising a polarizing member as defined in claim 6, and a liquid-crystal cell, said polarizing member being disposed on a back side (opposite to a visual side) of said liquid-crystal cell.

AI x
Cm
11. (New) A liquid-crystal display device according to claim 1, wherein said quarter-wave plate is interposed between said cholesteric liquid-crystal layer and said optical rotatory layer.
